

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES
NOVEMBER 20, 2014**

Chairman Ron Merancy called the Regular Meeting to order at 6:00 PM with the following in attendance:

MEMBERS:

Ron Merancy, Chairman
Rimas Balsys, Vice Chairman
Pat Mallane
Catherine Aresta, Secretary
Jeff Hanson

OTHERS:

Jim Stewart, Public Works Director
Debbie Lichwalla, WPCA Secretary
John Batorski, Veolia Water

VISITORS:

Neil Kulikauskas, Kleinfelder
Kenneth Healy
Richard Neary
Mike Rosa

1. **Ron Merancy opened the meeting with the Pledge of Allegiance.**
2. **No Executive Session.**
3. **Old Business.**

A. Commission Discussion Regarding the Facilities Plan Update.

Jim Stewart reported that they requested a meeting with DEEP to discuss what possible steps are needed.

B. Commission Discussion Regarding the North Main Siphon Repair Update.

Jim Stewart reported that this went to wetlands and a permit was obtained and are waiting for a Report from DEEP Fisheries, then they will incorporate their comments into it and after they get the drawing to review, it will go out to Bid.

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4. New Business.

A. Commission Discussion Decision Regarding Approval on Converting Office Space to a Fourth Apartment for Property Located at 174 Meadow Street.

Kenneth Healy explained that the plan is to change an existing use consisting of three apartments and one office to a proposed use of four apartments and the proposed apartment will be a one bedroom apartment.

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **APPROVE** the **Application Plan to Change an Existing Use Consisting of Three Apartments and One Office to a Proposed Use of Four Apartments** for Property Located at 174 Meadow Street.

VOTE: In Favor: 5 Opposed: 0 Abstained: 0

Motion Carried: 5-0-0

B. Commission Discussion Decision Regarding a FOG Interceptor for St. Francis Church.

VOTED: Unanimously on a motion by Pat Mallane and seconded by Rimas Balsys to **APPROVE** the **FOG Interceptor Cast Iron Grease Trap** Subject to a yearly manual cleaning for Property Located at 304 Church Street.

VOTE: In Favor: 5 Opposed: 0 Abstained: 0

Motion Carried: 5-0-0

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **APPROVE** the **Food Service Application Sign-Off for the FOG Interceptor Cast Iron Grease Trap** for Property Located at 304 Church Street.

VOTE: In Favor: 5 Opposed: 0 Abstained: 0

Motion Carried: 5-0-0

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5. Correspondence.

A. Correspondence from DEEP Dated October 6, 2014 Regarding Anderson Mills Subdivision, Field Street, Main Line Sewer Extension.

Commissioner Rimas Balsys asked why this had to go to DEEP for approval. Jim Stewart explained that it was the State Statue.

B. Correspondence from DEEP Dated October 14, 2014 Regarding Metro Mart, 1419 New Haven Road, Main Line Sewer Extension.

No Discussion.

C. Correspondence from Chemtura Dated August 21, 2014 Regarding the Annual Monitoring Report for the Naugatuck Water Pollution Facility Effluent-Permit SP0000065.

No Discussion.

D. Correspondence from Chemtura Dated September 30, 2014 Regarding the Annual Monitoring Report for the Naugatuck Water Pollution Facility Effluent-Permit SP0000065.

No Discussion.

E. Correspondence from Chemtura Dated October 21, 2014 Regarding the Annual Monitoring Report for the Naugatuck Water Pollution Facility Effluent-Permit SP0000065.

No Discussion.

F. Correspondence from ARI Dated October 9, 2014 Regarding Monthly Meeting to Discuss Naugatuck Issues.

No Discussion.

G. Correspondence from Town of Middlebury Dated September 26, 2014 Regarding FY2012 and FY2013 Sewer Payment.

No Discussion.

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H. Correspondence Regarding a Check Received for the Past Due Deferred Sewer Assessment Payoff from the Law Office of Edward H. Smith, Jr. on the Closing for Property Located at 176 Ruela Drive.

No Discussion.

I. Correspondence Dated November 12, 2014 From Jim Stewart to DEEP Regarding NPDES – Permit Facilities Plan Improvements.

Jim Stewart reported that a Meeting is scheduled for Tuesday, December 11, 2014. Neil Kulikauskas and Mark Zimmerman will be attending.

J. Correspondence Dated November 14, 2014 From St of CT Siting Council Regarding Docket 192B – CPV Towantic, LLC Motion to Reopen and Modify the June 23, 1999 Certificate of Environmental Compatibility and Public Need Based on Changed Conditions Pursuant to CT General Statutes 4-181a (b), Dated November 3, 2014.

Ron Merancy reported that he spoke with Borough Attorney Ned Fitzpatrick and no actions need to be taken at this time.

6. Review / Acceptance of Regular Meeting Minutes.

A. August 21, 2014.

VOTED: Unanimously on a motion by Pat Mallane and seconded by Jeff Hanson to **ACCEPT** the Regular Meeting Minutes for August 21, 2014.

VOTE: **In Favor: 5** **Opposed: 0** **Abstained: 0**
Motion Carried: 5-0-0

B. September 18, 2014.

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **ACCEPT** the Regular Meeting Minutes for September 18, 2014.

VOTE: **In Favor: 4** **Opposed: 0** **Abstained: 1**
Motion Carried: 4-0-1

7. Following is the WWTF Monthly Operations Summary Report.

- A. Monthly Operations for September 2014.**
- B. Monthly Operations for October 2014.**

**Borough of Naugatuck
Monthly WPCF Report September 2014**

This report summarizes the activities at the Borough POTW for September 2014:

1. Highlights and Significant Issues: Please refer to the report.

2. Collection System Update:

Please see attached Collections Report.

3. Plant Performance Summary:

Please see the attached reports and graphs for additional performance details.

Plant Process Data	Limit	Actual
Total Suspended Solids (mg/l)		
Influent Avg.	-	243
Effluent Avg.	30	5
Removal Efficiency	85%	98%
Plant Process Data*	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	173
Effluent Avg.	30	4
Removal Efficiency	85%	98%

Discharge Permit Exceedance: None

	Naugatuck	Middlebury	Oxford	OTR
Oct Flow Avg. (MGD)	3.4	0.367	*	N/A
Sludge Liquid Total (MGal)				3,161.0
Sludge Cake Total (Wet Tons)				4,758.7
Septage Total (MGal)	60,800	47,000	179,000	696,000
Discharge Permit Exceedance: None				

* Not available at time of report

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	1	7
Unconfirmed Odor Complaints	0	1

1. Compliance & Regulatory Issues

- a. There was one recorded Odor Complaint for September 2014 from the Meadow Brook Place area. The entire plant was inspected within 10 minutes of the call and no odors were observed, all processes were operational. No trucks were unloading at the time of the complaint. Within 15 minutes of the call, I was at the Meadow Brook area and observed no odors.
- b. As stated during the September WPCA Board meeting, the new NPDES permit (Aug 21, 2014 effective date) requires additional monitoring and reporting (not currently under contract with Veolia). Some of the new requirements include: Within 90 days, an Ash Lagoon Management Plan is required. The effluent from the ash lagoon is to be sampled every other month starting in September 2014 to comply with the permit. Within 90 days of Aug. 21, 2014, another report is due on a sludge management plan.

2. Personnel

- a. No report.

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3. Health & Safety

- a. Monthly safety meetings were held. LOTO programs were reviewed and reinforced.
- b. Annual SPCC and Confined Space training is being scheduled.

4. Operational Information

- a. A booklet describing the sewer blockage along the Metro North tracks is attached. A copy of a Maintenance Agreement from Metro North is also in the packet. Metro North prefers an agreement prior to assigning flagman. Without a signed agreement, they cannot guarantee a flagman will be available at the time of the request. If there were another blockage in the track area, the lack of a flagman would complicate repairs.
- b. The incinerator was briefly shutdown in September to repair network switch and cable issues.
- c. On September 15, 16, and 17th CK Environmental performed a five-year emission test on the incinerator. CTEEP personnel observed the testing.
- d. The new return activated sludge pump seal failed and was repaired under warranty.
- e. The roll up door in the dewatering building failed and will be replaced at a cost of ~\$4030.
- f. The chlorination equipment was shutdown at midnight Sept 30 per NPDES permit requirements.
- g. The diffusers in aeration tanks #5 and #6 will be changed the week of Oct. 6.

5. Collections

- a. On July 29, 2014, there was partial collection blockage at manhole 7-4 in the Water Street area of Naugatuck. Repair costs are \$52,528.02 (less Metro North flagman costs). A report is included in the packet.

6. Maintenance

- a. Several SCADA network issues were resolved. One Cisco switch was replaced and the Cat 5 connections were repaired.
- b. A seal on the rotodiff for the centrifuge failed and was repaired.
- c. Two above water mixers were installed in #1 aeration tank anoxic zones.
- d. The internal recycle pump for aeration tank #6 was changed (repair cost is ~\$23k). The replacement pump installed cost ~\$53,000.
- e. Installation of a spare backup air compressor has started.
- f. A new Borger pump and sludge grinder replaced an old Moyno pump/grinder (\$31,844).
- g. A drive sprocket was replaced on a secondary tank.
- h. An original RAS pump was rebuilt.

7. Capital Projects

- a. No report.

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This report summarizes the activities at the Borough POTW for October 2014:

1. Highlights and Significant Issues: Please refer to the report.

2. Collection System Update:

Please see attached Collections Report.

3. Plant Performance Summary:

Please see the attached reports and graphs for additional performance details.

Plant Process Data	Limit	Actual
Total Suspended Solids (mg/l)		
Influent Avg.	-	235
Effluent Avg.	30	5
Removal Efficiency	85%	98%
Plant Process Data*	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	172
Effluent Avg.	30	4
Removal Efficiency	85%	98%

Discharge Permit Exceedance: None

	Naugatuck	Middlebury	Oxford	OTR
Oct Flow Avg. (MGD)	3.8	0.396	0.041	N/A
Sept Flow Avg. (MGD)		0.367	0.038	
Sludge Liquid Total (MGal)				3986.0
Sludge Cake Total (Wet Tons)				5375.0
Septage Total (MGal)	70,190	40,000	230,250	664,050
Discharge Permit Exceedance: None				

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	5	12
Unconfirmed Odor Complaints	0	1

1. Compliance & Regulatory Issues

- a. There were 5 recorded Odor Complaints in October. The source of the odor for one complaint was attributed to a failed vertical conveyor. The sludge inside the conveyor had to be cleaned, thus there were odors. The other odor complaints were from Oct. 25. No cause was determined for those odor complaints. On Oct 27, Charmaine Molyneaux an odor inspector from CTDEEP toured the facility for approximately 2 hours investigating the odor complaint from the previous weekend. No nuisance odors were detected during her visit nor did she observe any odors downwind of the facility before her tour.
- b. Another complaint was received Oct 27 regarding truck traffic. A tanker truck delivery of a wastewater chemical around 6 AM was the source of the complaint. Chemical trucks traditionally have not used the plant access road. Their drivers are contract drivers and it is difficult to get them to use the access road. In addition, that access road requires signed acknowledgement from the

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trucking companies that they will adhere to the rules of the access road as it is owned by Chemtura.

2. Personnel

- a. A licensed electrician and a plumber were hired.

3. Health & Safety

- a. Monthly safety meetings were held.
- b. SPCC training is scheduled for Nov 11, 2014.
- c. Confined Space training took place on Oct 22.

4. Operational Information

- a. The incinerator was briefly shutdown in October to repair an exhaust duct expansion joint.
- b. The roll up door in the dewatering building failed and was replaced.
- c. The diffusers in aeration tanks #5 and #6 were changed the week of Oct. 6th.
- d. Grease was removed from the wet wells.

5. Collections

- a. There was an issue with a manhole in a ball field. The Asst Chairman of the WPCA Board reported odors from the manhole. The crew repointed the bricks and sealed the manhole. There was confusion regarding this manhole as in the spring staff replaced the vented manhole with a sealed one. For some reason, repairs to the brick were not completed at that time. Pictures and an email chain are included in the report.
- b. The collections blockage along the Metro North track cost was revised slightly to \$48,840.35. The September WPCA report listed the total as \$48,581.77. The difference of \$255.58 is attributed to final invoices from vendors.

6. Maintenance

- a. A vertical conveyor failed in early October. The replacement screw was replaced.
- b. There is an issue with one of the six silo feed conveyors. A shutdown has been scheduled for Nov 18 to empty the sludge cake silo and inspect possibly repair the feed screw.
- c. The roof repairs on the sludge storage dome roof are complete.
- d. A seal on the rotodiff for the centrifuge failed and was repaired.
- e. Installation of a spare backup air compressor is complete.
- f. The Borger pump cartridge for the centrifuge was replaced.
- g. The valve actuator for the DO valve control #6 was replaced.

7. Capital Projects

- a. No report.

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8. Adjournment.

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **ADJOURN** the meeting at 7:04 P.M.

Attest: Catherine Aresta, Secretary/dl